

Jefferson County Open Space:

Hi. I'm Joe Adams with the USGS National Unmanned Aircraft Systems (UAS) Project Office in Lakewood, Colorado; <http://uas.usgs.gov> My office would like to refresh an agreement we had back in 2012 allowing us to use Flying J Ranch Park to collect scientific data with our aircraft. Below is a copy of the 2012 letter.

We are seeking permission to again fly our small unmanned aircraft systems (sUAS) at Flying J Ranch Park to test new sensors and cameras and continue the collaboration with USGS scientist Dean Anderson and his work on monitoring the Front Range environment with the science station located in Flying J Ranch Park. During these flights, we will collect data which we will use internally in our office to evaluate different sensors/cameras and different settings on those sensors/cameras. We will also share this data with Dean Anderson for his scientific research.

These are our thoughts:

- Utilize primarily the meadow / open area in Parcel ID Number: 61-103-00-003 for sensor/camera testing. This is the southwest corner of the highlighted area on attached overview maps.
- Occasionally fly in the larger, west side, of the highlighted area to collect data over Dean Anderson's science station.
- Fly 2 – 3 times per month during the week.
- Notify an appropriate contact list via email a minimum of 24 hours before flights.
- For access, use gate key currently with Dean Anderson at USGS for his ongoing research.
- Maximum flight altitude 400 feet Above Ground Level (AGL) with majority of activity below 200 feet.
- All DOI Aviation procedures will be followed including creating a Project Aviation Safety Plan (PASP), filing FAA Class G Notifications, and filing FAA Notice to Airmen (NOTAM).
- Provide to Jeffco Open Space any data collected upon request.
- Follow DOI data handling policy including protection of Personally Identifiable Information. (PII).

I look forward to working with you.

Thank you,

Joe Adams

720-335-5563 (desk,cell,vm,email)

303-236-2906 (desk direct)

jdadams@usgs.gov

US Geological Survey (USGS)

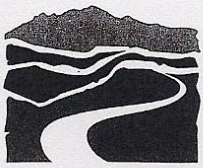
National Unmanned Aircraft Systems (UAS) Project Office

1 Denver Federal Center

MS980, Bldg 25

Denver CO 80225-0046

<http://uas.usgs.gov>



**Jefferson County
Open Space**
enriching life

August 8, 2012

Ms. Susan Goplen
UAS National Project Office, USGS
Rocky Mountain Geographic Science Center
P. O. Box 25046, MS-516
Lakewood, CO 80225-0046

Subject: 2012-2013 Raven and T-Hawk Unmanned Aerial Flights

Dear Ms. Goplen:

The U.S. Geological Survey (USGS) has requested support from Jefferson County Open Space (JCOS), in Golden, Colorado, regarding a project to use a Raven and/or T-Hawk unmanned, aerial vehicle and infrared imaging system to survey the Flying J Ranch Park. The time period for these flights would be from September 1, 2012 to September 1, 2013. The project proposal indicates a necessity to fly the UAVs at very low altitudes (100'-400').

JCOS owns and operates Flying J Ranch Park. I am authorizing permission and site visits within the Park to Jeff Sloan, from USGS, for the low level flights. Based on the proposal, I believe that this project will provide significant knowledge and information not only for USGS scientists, but also to our park managers.

Please contact Matthew Cox at mcox@jeffco.us or at (303) 271-5984 with questions and in advance of the scheduled flights. Also, please share the data and imagery with him upon completion of the project.

Sincerely,

Tom Hoby, CPRP
Director of Parks & Open Space

cc: Carol Mladinich, USGS
Dean Anderson, USGS
Jeff Sloan, USGS
Stanton La Breche, Park Operations Manager
Matthew Cox, Regional Park Supervisor

Board of County Commissioners

Faye Griffin • John Odom • Donald Rosier

